

filed 12/12/05

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known		
				Application Number	10/528,1	
				Filing Date	March 17, 2005	
				First Named Inventor	Sung Ho RYU, et al.	
				Group Art Unit	1653 1652	
				Examiner Name	Not Yet Assigned T. Saidha	
Sheet	1	of	3	Attorney Docket Number	1751-377	
NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ²
JCS	1	ZHANG, W., et al., "Binding of Peptides with Basic and Aromatic Residues to Bilayer Membranes", <i>The Journal of Biological Chemistry</i> , (Jun. 13, 2003), pps. 21459-21466, Vol. 278, No. 24				
	2	KIM, D.H., et al., "GβL, a Positive Regulator of the Rapamycin-Sensitive Pathway Required for the Nutrient-Sensitive Interaction between Raptor and mTOR", <i>Molecular Cell</i> , (April 2003), pps. 895-904, Vol. 11				
	3	KIM, D.H., et al., "mTOR Interacts with Raptor to Form a Nutrient-Sensitive Complex that Signals to the Cell Growth Machinery", <i>Cell</i> , (Jul. 26, 2002), pps. 163-175, Vol. 110				
	4	FARESE, R.V., "Function and dysfunction of aPKC isoforms for glucose transport in insulin-sensitive and insulin-resistant states", <i>Am J Physiol Endocrinol Metab</i> , (Jul. 2002), pps. E1-E11, No. 283				
	5	CANTLEY, L.C., "The Phosphoinositide 3-Kinase Pathway", <i>Science</i> , (May 31, 2002), pps. 1655-1657, Vol. 296				
	6	AHN, B.H., et al., "α-Synuclein Interacts with Phospholipase D Isozymes and Inhibits Pervanadate-induced Phospholipase D Activation in Human Embryonic Kidney-293 Cells", <i>The Journal of Biological Chemistry</i> , (Apr. 5, 2002), pps. 12334-12342, Vol. 277, No. 14				
	7	KRENDEL, M., et al., "Nucleotide exchange factor GEF-H1 mediates cross-talk between microtubules and the actin cytoskeleton", <i>Nature Cell Biology</i> , (Apr. 2002), pps. 294-302, Vol. 4				
	8	LEE, S., et al., "Collapsin Response Mediator Protein-2 Inhibits Neuronal Phospholipase D ₂ Activity by Direct Interaction", <i>The Journal of Biological Chemistry</i> , (Feb. 22, 2002), pps. 6542-6549, Vol. 277, No. 8				
	9	NISHI, T., et al., "The Vacuolar (H ⁺)-ATPases Nature's Most Versatile Proton Pumps", <i>Molecular Cell Biology</i> , (Feb. 2002), pps. 94-103, Vol. 3				
	10	MELENDEZ, A.J. et al., "Phospholipase D and immune receptor signalling", <i>Seminars in Immunology</i> , (2002), pps. 49-55, Vol. 14				
	11	NICHOLSON, K.M., et al., "The protein kinase B/Akt signalling pathway in human malignancy", <i>Cellular Signalling</i> , (2002), pps. 381-395, No. 14				
JCS	12	RIZZO, M., et al., "Pharmacological importance of phospholipase D and phosphatidic acid in the regulation of the mitogen-activated protein kinase cascade", <i>Pharmacology & Therapeutics</i> , (2002), pps. 35-50, No. 94				
Examiner Signature		Date Considered 7/30/07				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Complete if Known

Application Number 10/528,177
Filing Date March 17, 2005
First Named Inventor Sung Ho RYU, et al.
Group Art Unit 1653 / 1652
Examiner Name Not Yet Assigned T. Sandhe

Sheet 2 of 3 Attorney Docket Number 1751-377

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JL	13	KAM, Y. et al., "Phospholipase D Activity is Required for Actin Stress Fiber Formation in Fibroblasts", <i>Molecular and Cellular Biology</i> , (Jun. 2001), pps. 4055-4066, Vol. 21, No. 12	
	14	KHAN, A.H., et al., "Munc18c Regulates Insulin-stimulated GLUT4 Translocation to the Transverse Tubules in Skeletal Muscle", <i>The Journal of Biological Chemistry</i> , (Feb. 9, 2001), pps. 4063-4069, Vol. 276, No. 6	
	15	SHEN, Y., et al., "Role for Phospholipase D in Receptor-Mediated Endocytosis", <i>Molecular and Cellular Biology</i> , (Jan. 2001), pps. 595-602, Vol. 21, No. 2	
	16	GINGRAS, A.C., et al., "Regulation of translation initiation by FRAP/mTOR", <i>Genes & Development</i> , (2001), pps. 807-826, No. 15	
	17	LAWLOR, M.A., et al., "PKB/Akt: a key mediator of cell proliferation, survival and insulin responses?", <i>Journal of Cell Science</i> , (2001), pps. 2903-2910, No. 114	
	18	ZHANG, W., et al., "Munc-18 Associates with Syntaxin and Serves as a Negative Regulator of Exocytosis in the Pancreatic β -Cell", <i>The Journal of Biological Chemistry</i> , (Dec. 29, 2000), pps. 41521-41527, Vol. 275, No. 52	
	19	COLUSSI, C., et al., "H ₂ O ₂ -induced block of glycolysis as an active ADP-ribosylation reaction protecting cells from apoptosis", <i>The FASEB Journal</i> , (Nov. 2000), pps. 2266-2276, Vol. 14	
	20	PARK, J.B., et al., "Cardiac Phospholipase D ₂ Localizes to Sarcolemmal Membranes and Is Inhibited by α -Actinin in an ADP-ribosylation Factor-reversible Manner", <i>The Journal of Biological Chemistry</i> , (Jul. 14, 2000), pps. 21295-21301, Vol. 275, No. 28	
	21	ZHANG, W. et al., "ProFound: An Expert System for Protein Identification Using Mass Spectrometric Peptide Mapping Information", <i>Anal. Chem.</i> , (Jun. 1, 2000), pps. 2482-2489, Vol. 72, No. 11	
	22	BERRY, M.D. et al., "Glyceraldehydes-3-Phosphate Dehydrogenase and Apoptosis", <i>Journal of Neuroscience Research</i> , (2000), pps. 150-154, No. 60	
	23	KUMAR, V., et al., "Functional interaction between RAFT1/FRAP/mTOR and protein kinase C δ in the regulation of cap-dependent initiation of translation", <i>The EMBO Journal</i> , (2000), pps. 1087-1097, Vol. 19, No. 5	
	24	LEE, S.D., et al., "Phospholipase D2 Activity Suppresses Hydrogen Peroxide-Induced Apoptosis in PC12 Cells", <i>Journal of Neurochemistry</i> , (2000), pps. 1053-1059, Vol. 75, No. 3	
JL	25	SABATINI, D.M., et al., "Interaction of RAFT1 with Gephyrin Required for Rapamycin-Sensitive Signaling", <i>Science</i> , (May 14, 1999), pps. 1161-1164, Vol. 284	
Examiner Signature		Date Considered 7/30/07	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known

Application Number	10/528,17
Filing Date	March 17, 2005
First Named Inventor	Sung Ho RYU, et al.
Group Art Unit	1653-1652
Examiner Name	Not Yet Assigned T. Saidha
Attorney Docket Number	1751-377

Sheet 3 Of 3

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JH	26	MALETIC-SAVATIC, M., et al., "Rapid Dendritic Morphogenesis in CA1 Hippocampal Dendrites Induced by Synaptic Activity", <i>Science</i> , (Mar. 19, 1999), pps. 1923-1927, Vol. 283	
	27	EXTON, J.H., "Regulation of phospholipase D", <i>Biochimica et Biophysica Acta</i> , (1999), pps. 121-133, No. 1439	
	28	FROHMAN, M.A., et al., "Mammalian phospholipase D structure and regulation", <i>Biochimica et Biophysica Acta</i> , (1999), pps. 175-186, No. 1439	
	29	GOBOM, J. et al., "Sample Purification and Preparation Technique Based on Nano-scale Reversed-phase Columns for the Sensitive Analysis of Complex Peptide Mixtures by Matrix-assisted Laser Desorption/Ionization Mass Spectrometry", <i>J. Mass Spectrom.</i> , (1999), pps. 105-116, No. 34	
	30	KIM, J.H. et al., "Selective activation of phospholipase D2 by unsaturated fatty acid", <i>FEBS Letters</i> , (1999), pps. 42-46, No. 454	
	31	SIROVER, M.A., "New insights into an old protein: the functional diversity of mammalian glyceraldehyde-3-phosphate dehydrogenase", <i>Biochimica et Biophysica Acta</i> , (1999), pps. 159-184, No. 1432	
	32	VAN ROSSUM, D., et al., "Cytoskeletal dynamics in dendritic spines: direct modulation by glutamate receptors?", <i>TINS</i> , (1999), pps. 290-295, Vol. 22, No. 7	
	33	REN, Y., et al., "Cloning and Characterization of GEF-H1, a Microtubule-associated Guanine Nucleotide Exchange Factor for Rac and Rho GTPases*", <i>The Journal of Biological Chemistry</i> , (Dec. 25, 1998), pps. 34954-34960, Vol. 273, No. 52	
	34	BURNETT, P.E., et al., "RAFT1 phosphorylation of the translational regulators p70 S6 kinase and 4E-BP1", <i>Proc. Natl. Acad. Sci. USA</i> , (Feb. 1998), pps. 1432-1437, Vol. 95	
	35	BRUNN, G.J. et al., "Phosphorylation of the Translational Repressor PHAS-I by the Mammalian Target of Rapamycin", <i>Science</i> , (Jul. 4, 1997), pps. 99-101, Vol. 277	
JH	36	STEVENS, T.H., "Structure, Function and Regulation of the Vacuolar (H ⁺)-ATPase", <i>Annu. Rev. Cell Dev. Biol.</i> , (1997), pps. 779-808, No. 13	
Examiner Signature	T. Saidha		Date Considered 7/30/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code.

⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

10/528172
DT12 PCT/PTO 17 MAR 2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known	
				Application Number	New Application
				Filing Date	Herewith
				First Named Inventor	Sung Ho RYU et al.
				Group Art Unit	1652
Examiner Name				T. Saidhg	
Sheet	1	of	2	Attorney Docket Number 1751-377	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
JR	1	WO	0189449	A	WILLIGER	11-29-2001	

Examiner Signature	T. Saidhg	Date Considered	7/30/07
-----------------------	-----------	--------------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

10/528172

DT12 Rec'd PCT/PTO 17 MAR 2005

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if known

Application Number	New Application
Filing Date	Herewith
First Named Inventor	Sung Ho RYU et al.
Group Art Unit	1652
Examiner Name	T. Saedha

Sheet

1

of

2

Attorney Docket Number 1751-377

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
J/S	2	Am. J. Physiol. Endocrinol. Metab., Aug. 2002, pgs. E374-382, Vol. 283(2)	
	3	Biochemistry, Mar. 2002, pgs. 3414-3421, Vol. 41(10) ✓	
	4	Biochemistry, J., Nov. 2000, pgs. 613-619, Vol. 351 Pt. 4	
	5	J. Biol. Chem., Jul. 2001, pgs. 2825-2826, Vol. 276(30)	
J/S	6	J. Biol. Chem., Feb. 2002, pgs. 6542-6549, Vol. 277(8)	
Examiner Signature	T. Saedha		Date Considered 7/30/07

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.